

## Sequence Comparison

; Sequence 8, Application US/08795430  
; Patent No. 6130071  
; GENERAL INFORMATION:  
; APPLICANT: Alitalo, Kari  
; APPLICANT: Joukov, Vladimir  
; TITLE OF INVENTION: Vascular Endothelial Growth Factor C (VEGF-C)  
; TITLE OF INVENTION: Protein and Gene, Mutants Thereof, and Uses Thereof  
; NUMBER OF SEQUENCES: 57  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
; STREET: 6300 Sears Tower, 233 South Wacker Drive  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: United States of America  
; ZIP: 60606-6402  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/795,430  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/FI96/00427  
; FILING DATE: 01-AUG-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/671,573  
; FILING DATE: 28-JUN-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/601,132  
; FILING DATE: 14-FEB-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/585,895  
; FILING DATE: 12-JAN-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/510,133  
; FILING DATE: 01-AUG-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/340,011  
; FILING DATE: 14-NOV-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Gass, David A.  
; REGISTRATION NUMBER: 38,153  
; REFERENCE/DOCKET NUMBER: 28967/33691  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 312/474-6300  
; TELEFAX: 312/474-0448  
; TELEX: 25-3856  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 419 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-795-430-8

Query Match 99.6%; Score 2326; DB 4; Length 419;  
Best Local Similarity 99.5%; Pred. No. 2.4e-203;  
Matches 417; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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Qy 1 MHS LGFFSVACSL LAAALLPGPREAPAAAAAFESGLDLSDAEPDAGEATAYASKDLEEQL 60
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Db 1 MHLLGFFSVACSL LAAALLPGPREAPAAAAAFESGLDLSDAEPDAGEATAYASKDLEEQL 60

Qy 61 RSVSSVDELMTVLYPEYWKM YKCQLRKGGWQH NREQANLNSRTEETIKFAAAHYNTEILK 120
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Db 61 RSVSSVDELMTVLYPEYWKM YKCQLRKGGWQH NREQANLNSRTEETIKFAAAHYNTEILK 120

Qy 121 SIDNEW RKTQCMPREVCIDVGKEFGVATNTFFKPPCVSVYRCGGCCNSEGLQCMNTSTSY 180
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Db 121 SIDNEW RKTQCMPREVCIDVGKEFGVATNTFFKPPCVSVYRCGGCCNSEGLQCMNTSTSY 180

Qy 181 LSKTLFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIRSLPATLPQCQAAN 240
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Db 181 LSKTLFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIRSLPATLPQCQAAN 240

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Db 301 PASCGPHKELDRNSCQCVCKNKLFP SQCGANREFDENTCQCVCKRTPRNQPLNPGKCAC 360

Qy 361 ECTESPQKCLLKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCPVPSYWQRPQMS 419
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Db 361 ECTESPQKCLLKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCPVPSYWKRPQMS 419
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